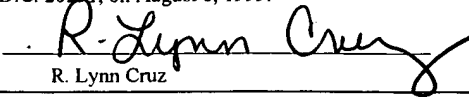
#15  
PATENTDocket No. 295002005600  
Client Reference CH0180-02

## CERTIFICATE OF MAILING BY "FIRST CLASS MAIL"

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:  
Assistant Commissioner for Patents, Washington, D.C. 20231, on August 6, 1999.

  
R. Lynn Cruz

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Irving BOIME

Serial No.: 08/971,439

Filing Date: November 17, 1997

For: SINGLE-CHAIN GLYCOPROTEIN  
HORMONES COMPRISING TWO BETA AND  
ONE ALPHA SUBUNITS AND  
RECOMBINANT PRODUCTION THEREOF

Examiner: L. Spector, Ph.D.

Group Art Unit: 1646

**RECEIVED**

AL - 1999

Publishing Division  
1414

## SUBMISSION OF FORMAL DRAWINGS

Assistant Commissioner for Patents  
Washington, D.C. 20231

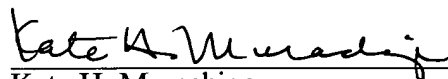
Dear Sir:

Enclosed are 2 sheets of formal drawings in connection with the above-identified  
application.

Respectfully submitted,

Dated: August 6, 1999

By:



Kate H. Murashige  
Registration No. 29,959

Morrison & Foerster LLP  
2000 Pennsylvania Avenue, N.W.  
Washington, D.C. 20006-1888  
Telephone: (202) 887-1533  
Facsimile: (202) 887-0763